

Boiler house «Severnaya», Vitebsk. Installation of 2.5 MW energy module for burning wood and peat

A. Project Opportunity Description:		
A1. Project Name:		
Boiler house «Severnaya», Vitebsk. Installation of 2.5 MW energy module for burning wood and peat		
a. Short name:		
Boiler house «Severnaya», Vitebsk		
b. Full name:		
Boiler house «Severnaya», Vitebsk. Installation of 2.5 MW energy module for burning wood and peat		
c. Summary description:		
The Installation of 2.5 MW energy module for burning wood fuel and peat in the boiler house «Severnaya», Vitebsk, with the purpose of rational use of local kinds of fuel is provided.		
A2. Progress Status:		
Feasibility study is being developed.		
A3. Organizations involved and their roles:		
1) Concern «Belenergo» (RUP «Gomelenergo»): L.P. Batian, Head of the Strategy Department, tel.: (+375-17) 218-23-40, fax: (+375-17) 218-26-39; 2) Ministry of Energy: 14, K. Marx Str., Minsk, 220030, Republic of Belarus. Rybakova Ekaterina Alekseevna, tel.: (+375-17) 218-21-45, e-mail: rybakova@min.energo.net.by		
A4. Project Description:		
The Installation of energy module in the boiler house «Severnaya» in Vitebsk consisting of the 2,5 MW steam turbine and the steam boiler with wood fuel and milling peat is provided.		
A4a. Project cost (mln USD):		
6.0		
A5. Background / history / overall programme / related or similar projects:		
The program of improving energy efficiency of national economy, use of local energy resources.		
A6. Environmental impact summary:		
Not estimated.		
A7. Possible obstacles/ problems/ risk assessment:		
No assessment.		
A8. Term of realization / term of recoupment (years):		
1		
A9. Project's branch:		
Electroenergetics		
B. Capital Cost Items (additional requirements for project):		
B1. Project physical components		B2. Capital cost (mln USD)
Total cost of the project: equipment (Finland) + construction :		6.0
C. Capital Resources Available from Sponsors/ Proposers:		
C1. Resources 'in kind', grants, investments, equity / ownership, etc.		C2. Amount (mln USD)
Own funds:		3.0
D. Required Financial Assistance:		
D1. Financing gaps, type of financial assistance required:		
Crediting.		
D2. Sources of finance	D3. Type of investment	D4. Amount (mln USD)
Foreign investment funds:	Credit:	3.0

D5. Financial/ International Institution Name:	
E. Demand (users) and revenues:	
E1. Type of users/ markets, volumes, pricing, revenues, quantifiable benefits/ savings:	
Power supply of industrial enterprises and population in Vitevsk.	
E2. Revenues (Sales)	E3. Amount (mln USD)
The revenues depend on acting tariffs for energy.	
F. Operating and Maintenance Costs:	
F1. Cost components, strategies for cost recovery, operating organisations, subsidies, etc.:	
Fuel, water, amortization, wages, taxes, etc.	
F2. Cost Item	F3. Amount (mln USD)
G. Net Income Value:	
G1. Net Income Value	G2. Amount (mln USD)
H. Project information source:	
H1. This form was completed by:	
Katerina Rybakova, Chief Specialist.	
H2. Organisation (address):	
Ministry of Energy: 14, K. Marx Str., Minsk, 220030, Republic of Belarus.	
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H4. Date:	
March, 2007	
H5. Supreme Organization:	
Ministry of Energy	